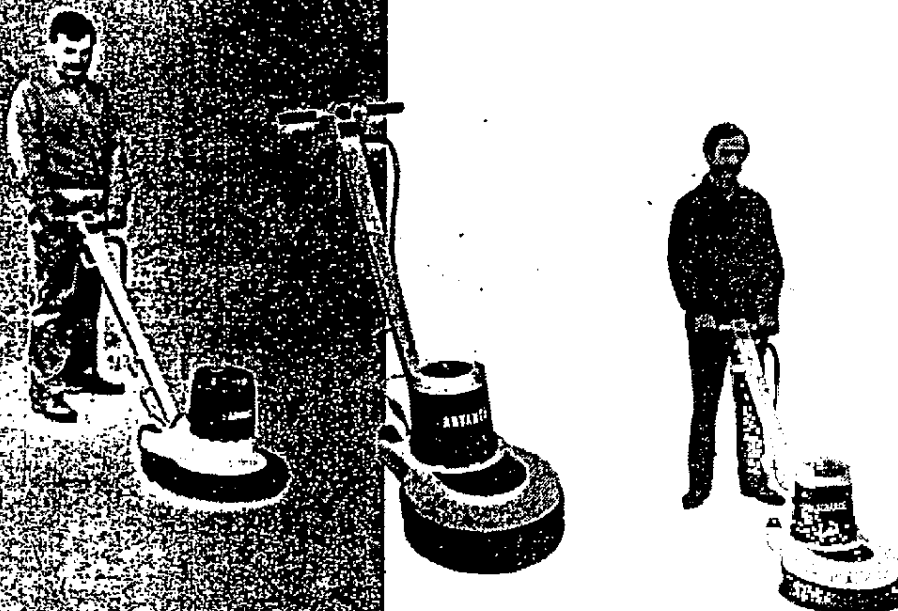


No. 404

Operator's Manual



PACEMAKER 17/20

MATADOR 17/20

MATADOR HS 17/20



ADVANCE[®]
MACHINE COMPANY

INTERNATIONAL HEADQUARTERS, Plymouth, MN 55447-3408
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Form No. 041 192

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INTRODUCTION

This manual has been prepared to help you get the most from your PACEMAKER/MATADOR. Read it thoroughly before operating the machine:

SAFETY PRECAUTIONS

WARNING

DO NOT USE THIS MACHINE IN AREAS WHERE FLAMMABLE LIQUIDS OR VAPORS ARE PRESENT.

WARNING

DISCONNECT POWER FROM MACHINE BEFORE ATTEMPTING ANY SERVICE OR MAINTENANCE WORK.

WARNING

DO NOT EXPOSE TO RAIN. STORE INDOORS.

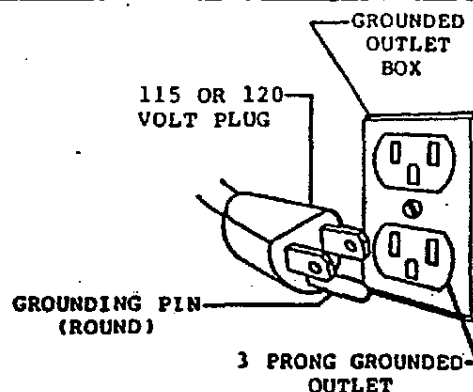
NOTE: For additional information, cautions and warnings, read operator's manual before running machine.

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WARNING

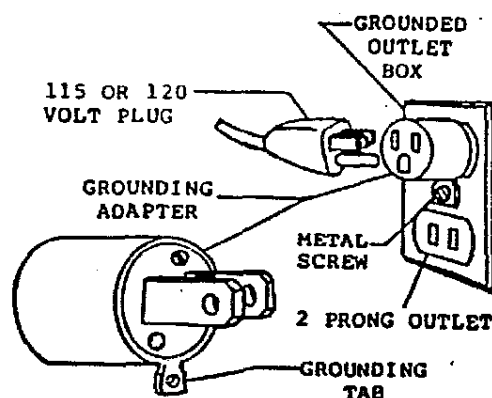
THIS MACHINE MUST BE PROPERLY GROUNDED TO PROTECT THE OPERATOR FROM ELECTRICAL SHOCK. READ THE SAFETY INSTRUCTIONS BELOW BEFORE OPERATING THIS MACHINE.

115 or 120 VOLT MACHINES HAVE THIS KIND OF 3 PRONG PLUG AT THE END OF A 3 WIRE ELECTRICAL CORD. THE GROUNDING PIN ON THIS PLUG GROUNDS THE MACHINE WHEN IT IS PLUGGED INTO A 3 PRONG OUTLET.

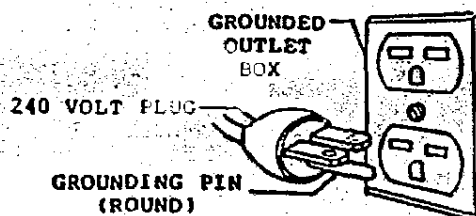


A GROUNDING ADAPTER MUST BE INSTALLED, AS SHOWN HERE, IF ONLY 2 PRONG OUTLETS ARE AVAILABLE. THE OUTLET BOX MUST BE GROUNDED AND THE GROUNDING TAB (OR WIRE) ON THE ADAPTER MUST BE INSTALLED UNDER THE HEAD OF THE SCREW IN THE CENTER OF THE OUTLET COVER. GROUNDING ADAPTERS FOR 115 OR 120 VOLT PLUGS ARE AVAILABLE AT MOST HARDWARE STORES.

NOTE:
GROUNDING ADAPTERS ARE NOT APPROVED FOR USE IN CANADA.



240 VOLT MACHINES HAVE THIS TYPE OF 3 PRONG PLUG AT THE END OF A 3 WIRE ELECTRICAL CORD. THE GROUNDING PIN ON THIS PLUG GROUNDS THE MACHINE WHEN IT IS PLUGGED INTO A 3 PRONG OUTLET AS SHOWN HERE. ADAPTERS ARE NOT AVAILABLE FOR 240 VOLT PLUGS.



REPLACE THE PLUG IF THE GROUNDING PIN IS DAMAGED OR BROKEN.

THE GREEN (OR GREEN AND YELLOW) WIRE IN THE CORD IS THE GROUNDING WIRE. WHEN REPLACING A PLUG, THIS WIRE MUST BE ATTACHED TO THE GROUNDING PIN ONLY.

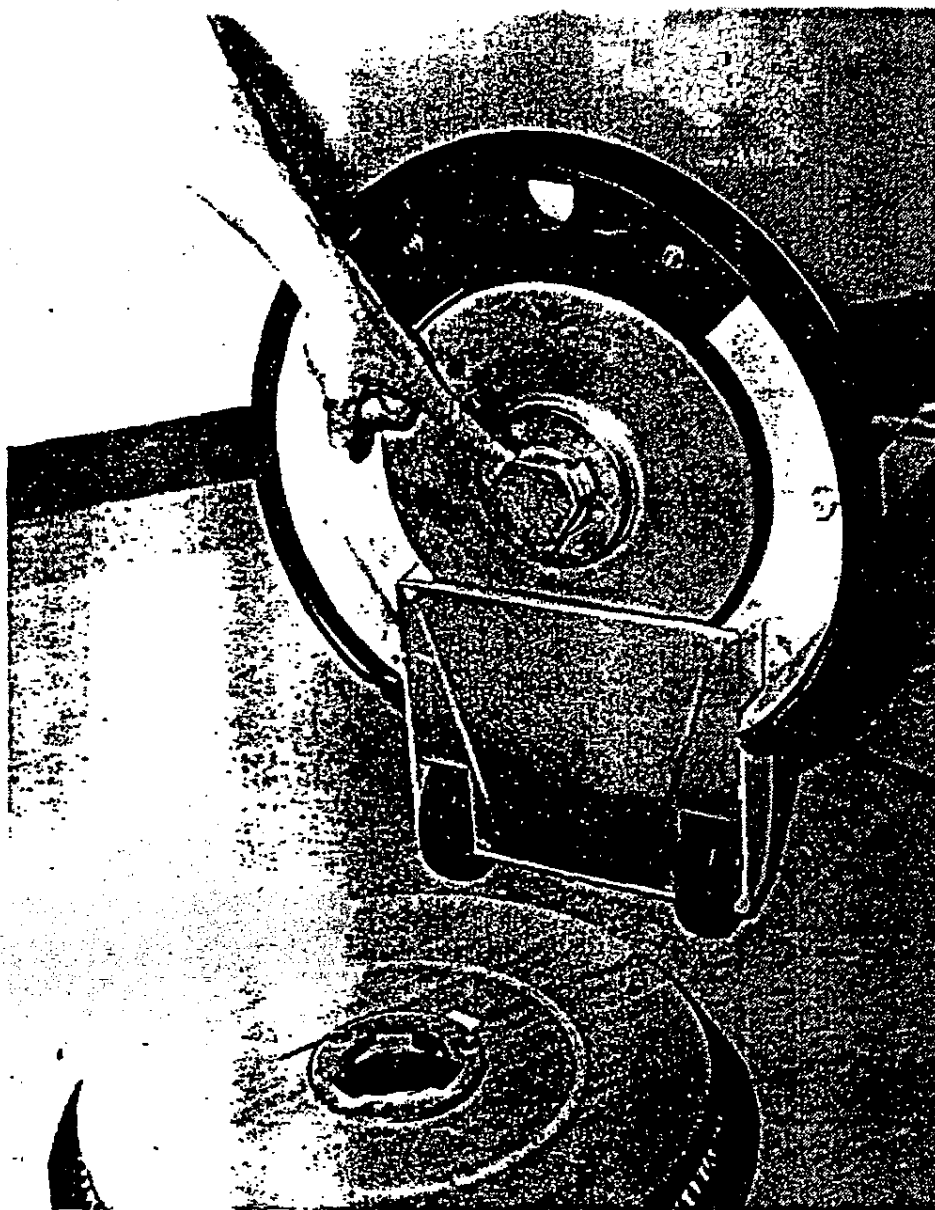
EXTENSION CORDS CONNECTED TO THIS MACHINE SHOULD BE 12 GAUGE, 3 WIRE CORDS WITH 3 PRONG PLUGS AND OUTLETS. DO NOT USE EXTENSION CORDS MORE THAN 50 FT. (15 M) LONG.

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PREPARING THE MACHINE FOR USE

Attaching the Scrub Brush or Pad Holder

Both the scrub brush and pad holder are attached in the same manner. Align lugs with corresponding slots and turn brush or pad holder to lock in place.



Electrical Cable

Unwrap cable and plug into proper outlet as covered in electrical section under warning and cautions.

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Spray Buff/Mister (optional)

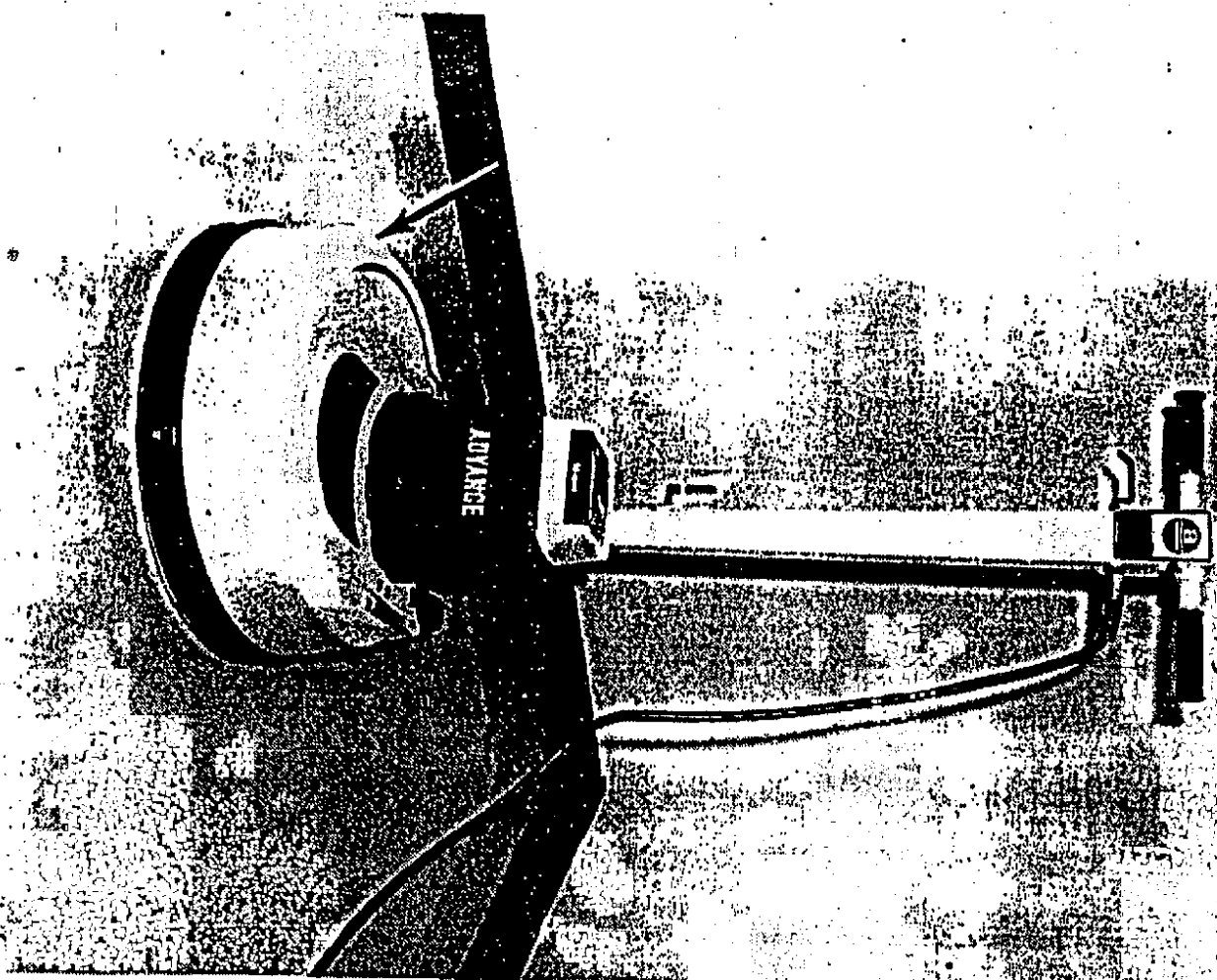
Fill chemical bottle (2 qts.) with appropriate chemical. Check nozzle on machine base for clogs and ensure proper aiming of mist. Pressurize bottle by pumping hand lever.



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Splash Guard (optional)**

Splash guard prevents splashing of chemical onto furniture, baseboards, etc., during wet operation.

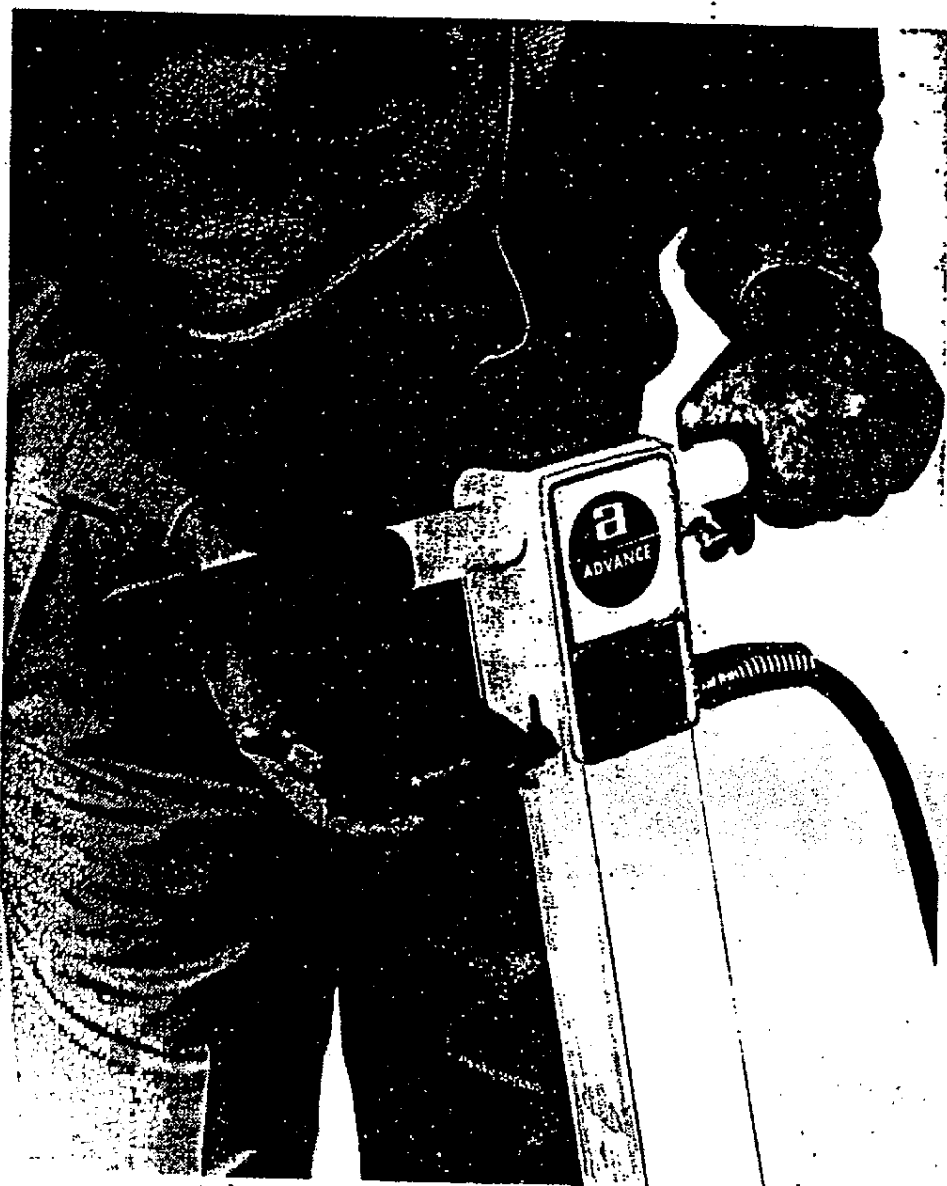


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OPERATING THE PACEMAKER/MATADOR

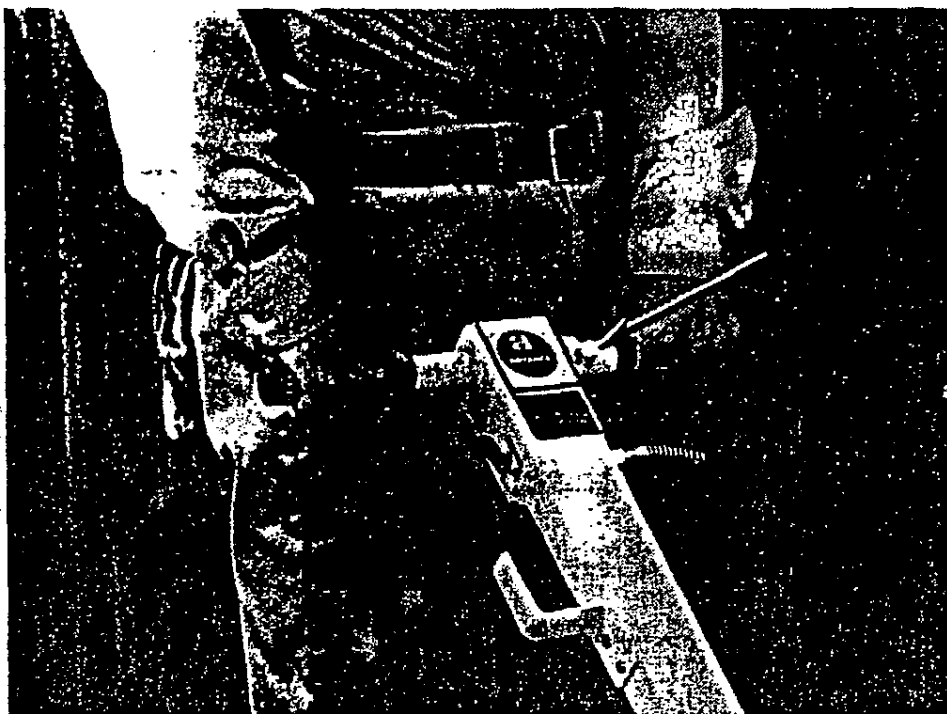
With the machine prepared as covered in the previous section, you are ready to operate the Pacemaker/Matador.

- 1) Handle positioner is located on handle at operator's right. Pull on lever to unlock handle. Adjust handle lever as required and release lever.



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- 2) With both hands on machine, push handle lock button with forefinger of left hand. Twist grips forward to start motor.



- 3) Machine will move to the operators right and left as the operating handle is raised and lowered - Raise to go right - Lower to go left.

▲WARNING

Lateral movement requires only slight raising and lowering - exaggerated movement of handle could cause loss of control.

OPERATING TIPS

1. Work away from plug outlet to keep cord from interfering with machine operation.
2. When spray buffing, periodically check the pad for buildup.

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AFTER USING THE PACEMAKER/MATADOR

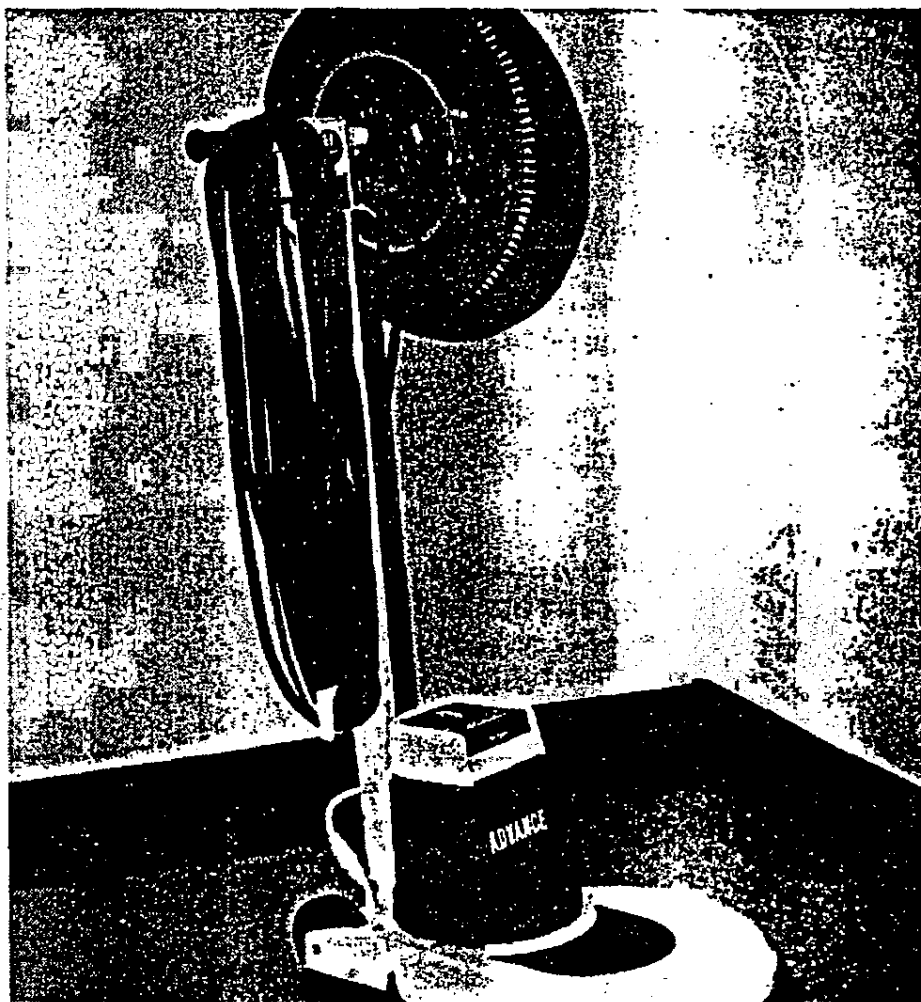
1. Flush spray buff system with warm water.

Remove pad holder or brush from machine for separate storage. Never store machine with pad holder or brush on machine.

2. Wash scrub brush and store separately.

3. Wrap cable around cord hooks.

4. Wipe entire machine with clean damp cloth - wipe underside of brush housing after wet use.



5. Store with handle locked in upright position.

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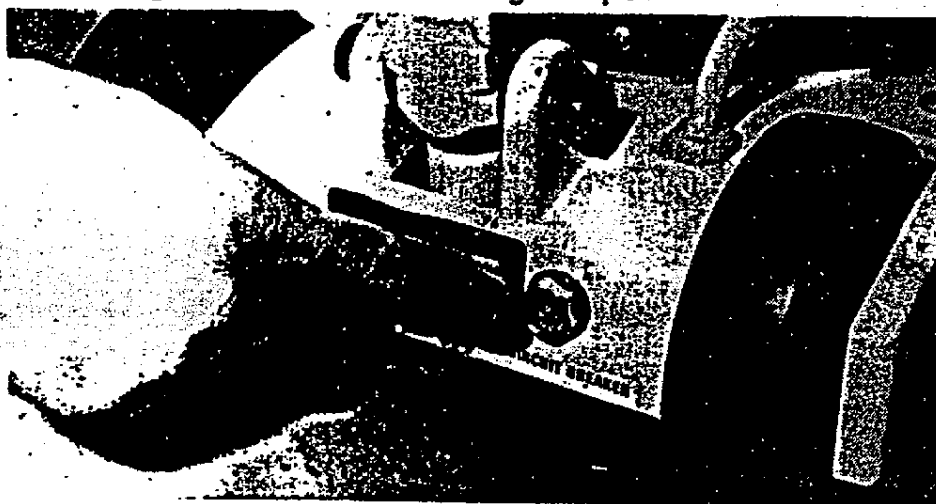
Maintenance of Pacemaker/Matador

▲WARNING

Disconnect power from machine before attempting any service or maintenance work.

Circuit Breaker (High Speed Matador) - Designed to protect motor from damage by overload condition. Normally, tripping of circuit breaker is caused by one or more of the following conditions:

- Loaded pad when spray cleaning, scrubbing or polishing
- Excessive use of material when spray cleaning
- Too-aggressive pad for operation
- Use of other than soft-touch brush for carpet shampooing.
- Too little, or absence of, solution when shampooing or bonnet cleaning carpet



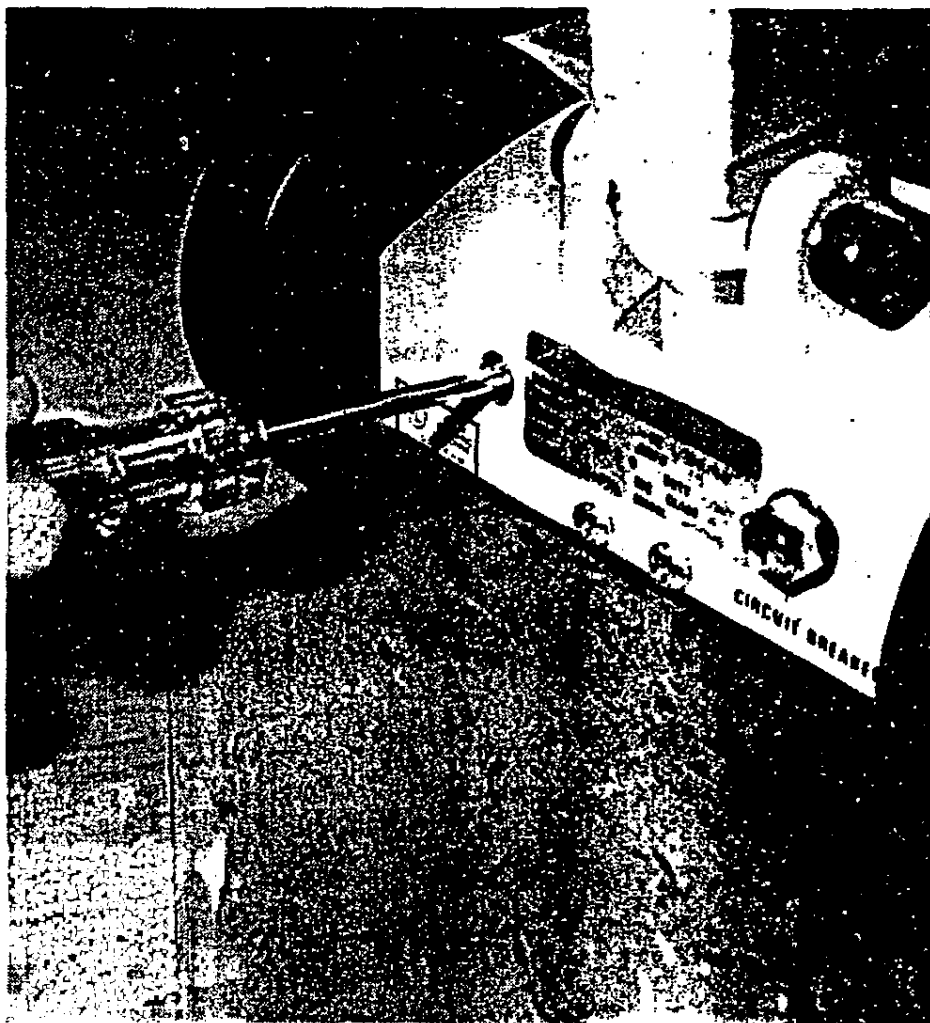
When cause of circuit breaker tripping is determined, remedy and re-set external button by pushing in to position where it doesn't return.

NOTE: If button does not stay pushed in, allow time for cooling and try again.

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Drive Belt (Matador)[®] - This belt requires no maintenance under normal circumstances, however, after a few weeks it may become "seated" and loosen slightly. If this should happen and the belt should slip, it will become apparent by a noise which resembles that of a dry bearing.

To tighten belt, turn phillips head screwdriver in bolt at rear, in increments of one-half turns until noise is eliminated.



Should belt require replacement, follow directions printed on underside of plate beneath machine. This operation is best performed by your AUTHORIZED ADVANCE SERVICING DISTRIBUTOR, and for certain, Advance replacement parts are recommended.

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Carbon Motor Brushes (High Speed Matador) - Will require replacement after approximately 700 hours of operation. Contact your AUTHORIZED FACTORY SERVICING DISTRIBUTOR for this service.

Unplug the cable and wrap it around cord storage hooks.

Store machine in safe place with handle upright for minimum storage space use.

CLEAN AND INSPECT FOR DAMAGE the entire machine and all accessories before storing.

TROUBLE SHOOTING TIPS

SWIRLS ON FLOOR AFTER SCRUBBING

Floor not clean, working too fast.
Incorrect solution.
Area not properly pre-swept.
Improper pads or brushes.

SWIRLS ON FLOOR AFTER DRY BUFFING

Working too fast.
Finish too soft.
Area not properly pre-swept.
Improper pads or brushes.

CIRCLES ON FLOOR

Machine standing still with brush running.

FLOOR FINISH REMOVED

Improper pad...too aggressive.
Solution too strong.

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